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☐ 1. Document ID: BR 9814358 A WO 9932415 A1 AU 9894640 A EP 1043283 A1 TW 406044 A CN 1282309 A KR 2001033044 A

L4: Entry 1 of 1

File: DWPI

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TITLE: Optical fiber coating method and apparatus

INVENTOR: OISHI, K; OKUNO, K ; TAKAGI, M ; 'TSUCHIYA, I

PATENT-ASSIGNEE:

ASSIGNEE

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CODE

SUME

PRIORITY-DATA: 1997JP-0353150 (December 22, 1997)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
BR 9814358 A	October 16, 2001		000	C03C025/02
WO 9932415 A1	July 1, 1999	J	033	C03C025/02
AU 9894640 A	July 12, 1999		000	C03C025/02
EP 1043283 A1	October 11, 2000	E	000	C03C025/02
TW 406044 A	September 21, 2000		000	B29C041/00
CN 1282309 A	January 31, 2001		000	C03C025/12
KR 2001033044 A	April 25, 2001		000	C03C025/02

DESIGNATED-STATES: AU BR CN JP KR US AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE DE FR GB IT SE

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
BR 9814358A	October 20, 1998	1998BR-0014358	
BR 9814358A	October 20, 1998	<u>1998WO-JP04738</u>	
BR 9814358A		WO 9932415	Based on
WO 9932415A1	October 20, 1998	<u>1998WO-JP04738</u>	
AU 9894640A	October 20, 1998	1998AU-0094640	
AU 9894640A		WO 9932415	Based on
EP 1043283A1	October 20, 1998	1998EP-0947953	
EP 1043283A1	October 20, 1998	<u>1998WO-JP04738</u>	
EP 1043283A1		WO 9932415	Based on
TW 406044A	November 4, 1998	1998TW-0118349	
CN 1282309A	October 20, 1998	1998CN-0812222	
KR2001033044A	June 12, 2000	2000KR-0706401	

INT-CL (IPC): B29 C 41/00; C03 C 25/02; C03 C 25/12; G02 B 6/00; G02 B 6/44

ABSTRACTED-PUB-NO: WO 9932415A
BASIC-ABSTRACT:

NOVELTY - An injected first coating resin (11) is applied to an outer circumferential surface of an optical fiber (1) while inserting the fiber (1) into a first die hole (3a) of a first coating die (3), and an injected second coating resin (15) is applied to an upper surface of the first coating resin (11) while inserting the fiber (1) into a second die hole (4a) of a second coating die (4).

DETAILED DESCRIPTION - The first and second die holes (3a, 4a) are coaxially provided. The second coating resin (15) is injected into the second die hole (4a) through a clearance (10) defined by the first and second coating dies (3, 4). The first coating die (3) has a projection (5) provided at an outlet of the first die hole (3a) so as to extend in the direction in which the optical fiber (1) is passed, and so as to distribute a flow of the second coating resin (15) in the direction in which the optical fiber (1) is passed.

USE - Optical fiber coating.

CHOSEN-DRAWING: Dwg.7/11

TITLE-TERMS: OPTICAL COATING METHOD APPARATUS

DERWENT-CLASS: A32 A89 L01 P81 V07

CPI-CODES: A11-B05B2; A12-L03A; L01-F03A1; L01-L05;

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Polymer Index [1.1] 018 ; P0000 Polymer Index [1.2] 018 ; ND07 ; K9518 K9483 ; K9574 K9483 ; K9676*R ; K9698 K9676 ; K9712 K9676 ; N9999 N7090 N7034 N7023 ; N9999 N7147 N7034 N7023 ; N9999 N7078 N7034 N7023 ; B9999 B5447 B5414 B5403 B5276 ; Q9999 Q8344 Q8264

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1999-123132

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Full	Title	CIT.1	REV.1	CLS.1	REF.1	SEQ.1	ATT.1
CAW.1	EP.1						